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3. A method of manufacturing an image display apparatus according to claim 2, wherein when the image display apparatus is driven, an electric field is 1/10 to 1/2 of that applied between the rear plate and the face plate.

4. A method of manufacturing an image display apparatus, in which a rear plate and a face plate are opposite to each other to form an airtight container, an electron beam source including a plurality of cold cathode electron-emitting devices is formed in the rear plate, a phosphor is formed in the face plate, and a voltage is applied between the rear plate and the face plate to irradiate an electron beam into the phosphor in order to emit light from the phosphor, comprising:

at least a foreign matter removing step of removing a foreign matter entered into the airtight container from a portion to which the voltage is applied.

5. A method of manufacturing an image display apparatus according to claim 4, wherein the foreign matter removing step is performed after the airtight container is assembled and before the airtight containers vacuumed.

6. A method of manufacturing an image display

5 7. A method of manufacturing an image display
apparatus according to claim 5, wherein the foreign
matter removing step is performed in a state that an
inner pressure of the airtightainer is an atmospheric
pressure or a state that the inner pressure is a
10 negative pressure against an outer pressure.

15 a first step of describing the foreign matter in
the airtight container, and

20 9. A method of manufacturing an image display apparatus according to claim 8, wherein in the first step, the foreign matter is desorbed by a physical impact application.

25 10. A method of manufacturing an image display
apparatus according to claim 8, wherein the first step
includes a step of alternately applying a negative

voltage and a positive voltage to an image region of one of the face plate and the rear plate.

11. A method of manufacturing an image display apparatus according to claim 8, wherein the first step is performed in a state the vacuum (airtight) container is slanted to move the foreign matter by self weight falling.

12. A method of manufacturing an image display apparatus according to claim 11, wherein the image display apparatus has a spacer for resisting an atmospheric pressure in the inner portion of the airtight container, and

the airtight container is slanted such that the spacer allows movement of the foreign matter and such that a slant direction of the airtight container is substantially aligned with an extension direction of the spacer.

13. A method of manufacturing an image display apparatus according to claim 8, wherein in the second step, using a gas supply pipe and an exhaust pipe, which are provided in the vacuum container, a gas of a viscosity flow region is flowed through a supply inlet of the gas supply pipe and an exhaust outlet of the exhaust pipe in the vacuum container to move the

14. A method of manufacturing an image display apparatus according to claim 4, wherein the electron beam source is a surface conduction type electron-emitting device.

wherein the foreign matter is unevenly distributed in a non-high voltage application region relatively to a high voltage application region in the airtight container.

16. An image display apparatus according to claim 15, wherein the foreign matter is unevenly distributed outside an image region relatively to inside of the image region.